

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		<b>Complete if Known</b>	
		Application Number	10/562,277 ✓
		Filing Date	December 22, 2005
		First Named Inventor	Hiroyuki Koyama
		Art Unit	2832
Examiner Name		Unknown	
Total Number of Pages in This Submission*	7	Attorney Docket No.	YH0023-US1

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return postcard, SB08a, SB08b, and art as indicated
Remarks: (*Duplicate copies of SB08a and SB08b, and copies of Return Postcard and Cited Art, if any, are not counted in total number of pages in this submission.)		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Tyco Electronics Corporation		
Signature	<i>Marguerite E. Gerstner</i>		
Printed Name	Marguerite E. Gerstner		
Date	March 13, 2009	Reg. No.	32,695

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature	<i>Marguerite E. Gerstner</i>		
Typed or printed name	Marguerite E. Gerstner	Date	March 13, 2009

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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PTO/SB/17 (10-08)(modified)  
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Fees pursuant to the Consolidated Appropriations Act. 2005 (H.R. 4818).		<b>Complete if Known</b>	
<b>FEE TRANSMITTAL</b> <b>For FY 2009</b>		Application Number	10/562,277
		Filing Date	December 22, 2005
		First Named Inventor	Hiroyuki Koyama
		Examiner Name	Unknown
		Art Unit	2832
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	Attorney Docket No.	YH0023-US1	
TOTAL AMOUNT OF PAYMENT	(\$ ) No Fee		

<b>METHOD OF PAYMENT</b> (check all that apply)	
<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card
<input type="checkbox"/> Money Order	<input type="checkbox"/> None
<input type="checkbox"/> Other (please identify):	
<input checked="" type="checkbox"/> Deposit Account      Deposit Account Number: <u>18-0560</u> Deposit Account Name: <u>Tyco Electronics Corporation</u>	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s)	<input checked="" type="checkbox"/> Credit any overpayments
under 37 CFR 1.16 and 1.17	
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<b>FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)</b>								
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>								
	<b>FILING FEES</b>		<b>SEARCH FEES</b>		<b>EXAMINATION FEES</b>			
	<b>Small Entity</b>		<b>Small Entity</b>		<b>Small Entity</b>			
<b>Application Type</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fees Paid (\$)</b>	
Utility	330	165	540	270	220	110		
Design	220	110	100	50	140	70		
Plant	220	110	330	165	170	85		
Reissue	330	165	540	270	650	325		
Provisional	220	110	0	0	0	0		
							<b>Small Entity</b>	
<b>2. EXCESS CLAIM FEES</b>								
<b>Fee Description</b>							<b>Fee (\$)</b> <b>Fee (\$)</b>	
Each claim over 20 (including Reissues)							52      26	
Each independent claim over 3 (including Reissues)							220      110	
Multiple dependent claims							390      195	
<b>Total Claims</b> <b>Extra Claims</b> <b>Fee (\$)</b> <b>Fee Paid (\$)</b>							<b>Multiple Dependent Claims</b>	
_____ - 20 or HP = _____ x _____ = _____							<b>Fee (\$)</b> <b>Fee Paid (\$)</b>	
HP = highest number of total claims paid for, if greater than 20							_____	
<b>Indep. Claims</b> <b>Extra Claims</b> <b>Fee (\$)</b> <b>Fee Paid (\$)</b>							_____	
_____ - 3 or HP = _____ x _____ = _____							_____	
HP = highest number of independent claims paid for, if greater than 3								
<b>3. APPLICATION SIZE FEE</b>								
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
<b>Total Sheets</b>		<b>Extra Sheets</b>		<b>Number of each additional 50 or fraction thereof</b>		<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	
_____ - 100 = _____ / 50 = _____		_____ (round up to a whole number)		x _____ = _____				
<b>4. Other Fee(s)</b>							<b>Fees Paid (\$)</b>	
Non-English Specification, \$130 fee (no small entity discount)							N/A	
Other (e.g., late filing surcharge): _____								

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	Telephone
		32,695	650-361-2483
Name (Print/Type)	Marguerite E. Gerstner		Date March 13, 2009

<b>Certificate of Mailing (37 CFR 1.8)</b>	
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Date of deposit:	March 13, 2009
Name (printed):	Marguerite E. Gerstner
Signature:	



PATENT APPLICATION  
YH0023-US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	) Group Art Unit: 2832
	)
HIROYUKI KOYAMA	) Examiner: Unknown
	)
Application No.: 10/562,277	) TYCO ELECTRONICS CORPORATION
	) 309 Constitution Drive
Filed: December 22, 2005	) Menlo Park, CA 94025
	)
For: PTC THERMISTOR AND METHOD	) March 13, 2009
FOR PROTECTING CIRCUIT	)

DISCLOSURE STATEMENT UNDER 37 CFR § 1.56

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In fulfilling the duty of candor and good faith, the following documents are hereby disclosed to the Patent Office in accordance with 37 CFR § 1.56. It is not admitted that the information in the listed documents is material to patentability as defined in 37 CFR § 1.56(b). The Examiner is requested to consider the documents in the examination of this application.

Accompanying this statement are Forms PTO/SB/08A and PTO/SB/08B in duplicate on which the documents are listed. The Examiner is requested to return an initialed and signed copy of the forms once the documents have been considered.

The following documents were cited by the European Patent Office in the Supplementary European Search Report for European Application No. 04746545.5, which is a counterpart for

CERTIFICATE OF MAILING UNDER 37 CFR §1.8

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Name of person signing certificate: Marguerite E. Gerstner  
Signature: Marguerite E. Gerstner Date: March 13, 2009

this application and also draws priority from International Application No. PCT/JP2004/009076 as does this application. All four documents were cited in category "A" as "technological background". A copy of the Supplementary European Search Report is attached.

## U.S. PATENT DOCUMENTS

Document Number	Publication Date	Name of Patentee or Applicant	Category
US-3,974,105-A	08-10-1976	Sato et al.	A
US-5,358,793-A	10-25-1994	Hanada et al.	A
US-6,445,277-B1	09-03-2002	Ishikawa et al.	A

## FOREIGN PATENT DOCUMENTS

Document Number	Publication Date	Name of Patentee or Applicant	Translation	Category
JP-06-163203-A	06-10-1994	Toshiba Chemical Corp.	Abstract & machine translation	A

The following documents were cited in the examination of Chinese Patent Application No. 200480017532.0, which is also a counterpart of the present application.

## FOREIGN PATENT DOCUMENTS

Document Number	Publication Date	Name of Patentee or Applicant	Translation
JP-06-163203-A	06-10-1994	Toshiba Chemical Corp.	Abstract & machine translation
CN-1283304-A*	02-07-2001	Tyco Electronics Corporation (Raychem Corporation)	Counterpart

\*Counterpart of International Publication No. WO99/31677, published June 24, 1999.

Japanese Publication No. 06-163203A was included in the Disclosure Statement submitted with the Preliminary Amendment for this application. It is, therefore, not listed on the Form PTO/SB/08A although it was cited by both the European and Chinese patent offices. A copy of a machine translation of this document, now available, is being sent. (Only an abstract was sent with the previous Disclosure Statement.)

Copies of Documents

In accordance with 37 CFR §1.98(a)(2), copies of the foreign patents and foreign patent publications documents listed above are enclosed. Copies of the listed U.S. patents are not being submitted, although copies will be sent on request.

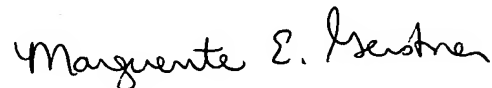
Fee

Applicant believes that because this Disclosure Statement is being submitted before the mailing of a first action on the merits, no fee is due. If this is incorrect, please charge any necessary fee to Deposit Account No. 18-0560.

Conclusion

It is believed that this application is now in condition for allowance and such action at an early date is earnestly requested. If, however, there are any outstanding issues which can be usefully discussed by telephone, the Examiner is asked to call the undersigned.

Respectfully submitted,



Marguerite E. Gerstner  
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